

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| S1    | 0     | channel adj unit and cache adj unit and control adj unit and disk and @ad<"19911206"                               | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/09/10 16:33 |
| S2    | 10507 | storage adj system and @ad<"19911206"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/09/10 16:36 |
| S3    | 48    | storage adj system and @ad<"19911206" and cache and channel and network  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/09/10 16:36 |
| S4    | 42    | (storage adj system and @ad<"19911206" and cache and channel and network) and disk                                 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/09/10 16:36 |
| S5    | 27    | ((storage adj system and @ad<"19911206" and cache and channel and network) and disk) and control adj unit          | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/09/10 16:37 |
| S6    | 24    | ((storage adj system and @ad<"19911206" and cache and channel and network) and disk) and control adj unit and path | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/09/10 16:41 |
| S7    | 619   | load adj balance and @ad<"19911206"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/09/10 16:41 |
| S8    | 4     | (load adj balance and @ad<"19911206") and control and channel and disk and cache                                   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/09/10 16:44 |
| S9    | 115   | DASD and @ad<"19911206" and channel and cache and control  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/09/10 16:45 |

|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S10      | 90   | (DASD and @ad<"19911206" and channel and cache and control ) and path                              | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/10 16:46 |
| S11      | 2    | "5247638".pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 13:39 |
| S12      | 1216 | 710/2,3,36,72074.ccls.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/14 09:36 |
| S13      | 124  | 710/2,3,36,72074.ccls. and @ad<"19911206"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/14 09:37 |
| S14      | 6    | (710/2,3,36,72074.ccls. and @ad<"19911206") and cache and controller                               | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/14 09:37 |
| S11<br>1 | 2    | "5175842".pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/19 14:41 |
| S11<br>3 | 17   | plurality near3 cache and control adj unit and plurality near3 channel and disk and @ad<"19911206" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/19 14:44 |
| S11<br>4 | 0    | "5175842:pn"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 13:39 |
| S11<br>5 | 2    | "5175842".pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/23 09:11 |
| S11<br>6 | 2    | "5,175,842".pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/23 09:12 |

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| S11<br>7 | 2  | plurality adj cache adj units and @ad<"19911206" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/23 09:14 |
| S11<br>9 | 22 | cache adj redundancy                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/23 09:20 |
| S12<br>0 | 0  | S119 and @ad<"19911206"                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/23 09:15 |
| S12<br>1 | 73 | shared adj cache and @ad<"19911206"              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/23 09:25 |
| S12<br>2 | 11 | S121 and channel                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/23 09:20 |
| S12<br>3 | 62 | S121 NOT S122                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/23 09:57 |
| S12<br>4 | 22 | multiple adj cache adj units                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/23 09:57 |
| S12<br>5 | 0  | S124 and @ad<"19911206"                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/23 09:58 |
| S12<br>6 | 53 | cache adj units and @ad<"19911206"               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/23 10:01 |
| S12<br>7 | 0  | S126 and redundancy                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/23 10:01 |